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Product ID:CECARBON GAC MSDS Date:02/26/1991 FSC:6810 NIIN:00-548-3884 **MSDS Number: BLMTN** === Responsible Party === Company Name: ATOCHEM INC FOREX FIRE EXTINGUISHANTS Address:266 HARRISTOWN RD Box:607 **City:GLEN ROCK** State:NJ ZIP:07452 Country:US Emergency Phone Num:215-582-1551/800-248-2322 &424-9300 CAGE:5P418 === Contractor Identification === Company Name: ATOCHEM INC FOREX FIRE EXTINGUISHANTS Address:266 HARRISTOWN RD Box:607 **City:GLEN ROCK** State:NJ ZIP:07452 Country:US Phone:800-424-9300 (CHEMTREC) CAGE:5P418 Company Name: JUNIUS PURIFIER CORP Address:538 JUNIUS STREET Box:City:BROOKLYN State:NY ZIP:11212 Country:US Phone:718-272-7777 CAGE:0PV96

Ingred Name:GRAPHITE, SYNTHETIC CAS:7440-44-0 RTECS #:FF5250100 Fraction by Wt: 100% Other REC Limits:NONE SPECIFIED OSHA PEL:15 MG/M3 TDUST ACGIH TLV:2 MG/M3 TDUST; 9293

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO Health Hazards Acute and Chronic:ACUTE-EYE:DUST MAY BE IRRITATING/CAUSE MECHANICAL INJURY.SKIN:MAY CAUSE SLIGHT IRRITATION.INGESTION:MAY CAUSE IRRITATION OF GI TRACT.INHALATION:DUST MAY BE IRRITATING TO

THE RESPIRATORY TRACT & CAUSE COUGHING OR SNEEZING.CHRONIC-NO EFFECTSFROM CHRONIC EXPOSURE ARE KNOWN.

Effects of Overexposure:DUST MAY BE IRRITATING AND CAUSE MECHANICAL INJURY TO EYES. MAY CAUSE SLIGHT IRRITATION OF SKIN.INGESTION MAY CAUSE IRRITATION OF GI TRACT.INHALATION OF DUST MAY BE IRRITATING TO THE RESPIRATORY TRACT & CAUSE COUGHING OR SNEEZING.

Medical Cond Aggravated by Exposure:AS WITH ANY ORGANIC COMPOUND THAT IS HEATED TO VAPORIZATION, EXPOSURE MAY AGGRAVATE PRE-EXISTING

CONDITIONS SUCH AS COLDS, ALLERGIES, ASTHMA, EMPHYSEMA AND PSORIASIS.

First Aid:SEE A PHYSICIAN IF SYMPTOMS PERSIST.INHALATION:REMOVE TO FRESH AIR.SUPPLY OXYGEN IF NECESSARY.EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN.SKIN:WASH THOROUGHLY WITH SOAP & WATER.INGESTION:NO HARMFUL EFFECTS ARE ANTICIPATED IF THE POWDER IS SWALLOWED. SEE A DOCTOR IF THE

IRRITATION PERSISTS.

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE IRRITATING AND/OR TOXIC GASES.

=========== Accidental Releas

e Measures ==============

Spill Release Procedures: CLEAN SPILLS IN A MANNER THAT DOES NOT DISPERSE DUST INTO THE AIR, PREFERABLY A WET-DOWN PROCEDURE OR VACUUM. USE NON-SPARKING TOOLS. Neutralizing Agent: NOT APPLICABLE.

Handling and Storage Precautions:STORAGE-STORE IN DRY PLACE.KEEP CONTAINERS TIGHTLY CLOSED.AVOID DISPERSING OF DUST INTO AIR. Other Precautions:WARNING! AN OXYGEN DEFICIENCY CONDITION MAY EXIS T

WHEN ACTIVATED CARBON IS EXPOSED TO MOIST CONDITIONS IN AN ENCLOSED SPACE. SELF CONTAINED BREATHING APPARATUS REQUIRED OR VENTILATE TO MAINTAIN OXYGEN CONTENT AT 20 % BY VOLUME.

======= Exposure Controls/Personal Protection ==========

Respiratory Protection:CAUTION, DO NOT USE RESPIRATORS BEYOND THEIR CAPABILITIES. NIOSH APPROVED FOR SUBSTANCES WITH TLV NOT LESS THAN 0.05 MG/M3 FOR DUST, MISTS AND FUMES. Ventilation:USE LOCAL/GENERAL TO MAINTAIN PEL/TLV. Prote ctive Gloves:NATURAL RUBBER Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

HCC:N1

Spec Gravity:1.8 - 2.1 Solubility in Water:INSOLUBLE Appearance and Odor:BLACK GRANULES WITH NO ODOR

====== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS AND ACIDS Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND MOISTURE Hazardous Decomposition Products:OXIDES OF CARBON

Waste Disposal Methods:DISPOSE OF AS SOLID WASTE OBSERVING ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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